Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120949.D
Acq On : 21 Jul 2020 10:34
Operator : JU/CG
Sample : PB130301BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Manual Integrations APPROVED
Sohil
7/24/2020 12:09:40 PM

Quant Time: Jul 21 11:41:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	195402	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	750170	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	389638	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	714085	20.00	ng		0.00
76) Chrysene-d12	13.98	240	531445	20.00	ng		0.00
86) Perylene-d12	15.42	264	506270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1423322	119.41	ng		0.02
7) Phenol-d6	6.46	99	1762260	114.46	ng		0.01
23) Nitrobenzene-d5	7.39	82	1137838	87.77	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	505903	118.62	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1977408	75.77	ng		0.00
79) Terphenyl-d14	12.93	244	2032785	83.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	219353	39.986	ng		99
3) Pyridine	3.38	79	596723	40.891	ng		99
4) n-Nitrosodimethylamine	3.32	42	275944	44.221	ng		95
6) Aniline	6.48	93	740624	36.850	ng		99
8) 2-Chlorophenol	6.60	128	603043	45.926	ng		97
9) Benzaldehyde	6.36	77	251947	31.976	ng		99
10) Phenol	6.47	94	682043	40.269	ng		86
11) bis(2-Chloroethyl)ether	6.56	93	559060	43.070	ng		97
12) 1,3-Dichlorobenzene	6.76	146	599850	42.129	ng		99
13) 1,4-Dichlorobenzene	6.83	146	604786	42.716	ng		99
14) 1,2-Dichlorobenzene	6.99	146	550857	41.127	ng		99
15) Benzyl Alcohol	6.96	79	436896	40.125	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	777613	41.563	ng		100
17) 2-Methylphenol	7.07	107	465201	39.972	ng		99
18) Hexachloroethane	7.33	117	227641	44.423	ng		94
19) n-Nitroso-di-n-propylamine	7.24	70	365505	41.747	ng		100
20) 3+4-Methylphenols	7.23	107	510759	34.499	ng		92
22) Acetophenone	7.23	105	704987	41.874	ng	#	92
24) Nitrobenzene	7.40	77	588917	42.146	ng		98
25) Isophorone	7.65	82	1086379	41.987	ng		100
26) 2-Nitrophenol	7.72	139	315840	47.592	ng		99
27) 2,4-Dimethylphenol	7.76	122	482315	44.763	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	698120	44.201	ng		100
29) 2,4-Dichlorophenol	7.96	162	481116	43.697	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	522535	42.776	ng		100
31) Naphthalene	8.12	128	1608301	41.796	ng		99
32) Benzoic acid	7.89	122	368123	45.513	ng		97
33) 4-Chloroaniline	8.17	127	602625	35.106	ng		99
34) Hexachlorobutadiene	8.24	225	304811	42.328	ng		98
35) Caprolactam	8.55	113	148991m	42.197	ng		
36) 4-Chloro-3-methylphenol	8.66	107	494066	43.753	ng		98
37) 2-Methylnaphthalene	8.81	142	1078945	43.183	ng		99
38) 1-Methylnaphthalene	8.91	142	1019188	43.070	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	459301	40.459	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	513001	81.763 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	363614	45.491 ng	100
44) 2,4,5-Trichlorophenol	9.13	196	364674	40.221 ng	97
46) 1,1'-Biphenyl	9.28	154	1253105	42.161 ng	99
47) 2-Chloronaphthalene	9.30	162	1005634	41.500 ng	98
48) 2-Nitroaniline	9.40	65	310601	42.414 ng	94
49) Acenaphthylene	9.72	152	1543368	40.998 ng	100
50) Dimethylphthalate	9.58	163	1181682	42.038 ng	98
51) 2,6-Dinitrotoluene	9.64	165	270213	44.743 ng	98
52) Acenaphthene	9.89	154	1083018m	45.251 ng	
53) 3-Nitroaniline	9.81	138	253459	33.463 ng	99
54) 2,4-Dinitrophenol	9.92	184	279052	80.253 ng	89
55) Dibenzofuran	10.06	168	1404324	40.575 ng	99
56) 4-Nitrophenol	9.98	139	471998	82.036 ng	93
57) 2,4-Dinitrotoluene	10.05	165	354910	44.751 ng	94
58) Fluorene	10.40	166	1020409	39.530 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	311688	45.150 ng	99
60) Diethylphthalate	10.28	149	1187710	41.773 ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	489665	35.565 ng	96
62) 4-Nitroaniline	10.43	138	295491	40.050 ng	100
63) Azobenzene	10.56	77	1106507	40.878 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	186703	45.402 ng	92
66) n-Nitrosodiphenylamine	10.52	169	985245	43.859 ng	98
67) 4-Bromophenyl-phenylether	10.89	248	341551	42.900 ng	93
68) Hexachlorobenzene	10.95	284	378583	43.959 ng	93
69) Atrazine	11.05	200	278346	50.033 ng	98
70) Pentachlorophenol	11.15	266	415896	84.295 ng	99
71) Phenanthrene	11.36	178	1527653	41.596 ng	99
72) Anthracene	11.42	178	1572286	42.635 ng	99
73) Carbazole	11.57	167	1490262	40.720 ng	99
74) Di-n-butylphthalate	11.90	149	1769687	41.902 ng	100
75) Fluoranthene	12.55	202	1671315	41.057 ng	98
77) Benzidine	12.67	184	816485	58.435 ng	99
78) Pyrene	12.78	202	1663558	44.275 ng	99
80) Butylbenzylphthalate	13.40	149	760533	45.406 ng	99
81) Benzo(a)anthracene	13.97	228	1325498	41.188 ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	513930	42.329 ng	99
83) Chrysene	14.00	228	1405383	41.555 ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	884286	42.814 ng	99
85) Di-n-octyl phthalate	14.57	149	1728679	42.069 ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1432487	40.685 ng	99
88) Benzo(b)fluoranthene	15.00	252	1479771	48.355 ng	100
89) Benzo(k)fluoranthene	15.04	252	1257222	45.047 ng	99
90) Benzo(a)pyrene	15.36	252	1237734	44.331 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1196127	41.589 ng	98
92) Benzo(g,h,i)perylene	17.29	276	1158052	40.837 ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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